

SOLAR CUP 2006

Sponsored by The Metropolitan Water District of Southern California

Lake Skinner May 19-21

A six-month program for high school students in which teams build, equip and race solar-powered boats, learning about conservation of natural resources, electrical and mechanical engineering, problem solving and more.

Solar Cup is sponsored by the Metropolitan Water District of Southern California. Teams are sponsored and financed by local water utilities, government agencies, and non-profits.



Qualifying events are **Friday, May 19**. Sprint races using solar energy stored in batteries are on **Saturday, May 20**. Endurance races using solar energy collection panels, and awards ceremony, are **Sunday, May 21**.

Free admission. Directions: Take I-15 to Rancho California Road, Temecula; go north 10 miles to main gate. Fees charged for RVs and overnight camping; reservations 1-800-234-7275.

Single-seat boats, 16-feet-long and about 50 pounds, are built from identical kits of marine-caliber wood provided by Metropolitan Water District. Boats may be equipped with up to four solar collection panels, about 4-feet-square. Maximum output allowed from all panels is 320 watts.



Schools and Sponsors

City of Anaheim - Anaheim High Transportation Academy, Canyon High

City of Glendale - Hebert Hoover High

City of Long Beach - Long Beach Polytechnic High, Millikan High

City of San Fernando - San Fernando High

Calleguas MWD - Camarillo High

Central Basin MWD - California High, Warren High

County of Riverside - Murrietta Valley High

Eastern MWD - Canyon Springs High, Perris High, Rancho High, San Jacinto High

Eastern MWD/Rancho California WD - Great Oak High, Chaparral High

Inland Empire Utilities - Upland High



Inland Empire Utilities Agency and City of Chino Hills - Ayala High, Chino Hills High

Irvine Ranch Water District and MWD of Orange County - El Toro High

Rahus Institute and Imperial Irrigation District - Indio High

Three Valleys MWD - Charter Oak High, Claremont High, Garey High, Pomona High, San Dimas High

Three Valleys MWD/Rowland WD - Nogales High

Three Valleys MWD/Walnut Valley WD - Diamond Ranch High, Diamond Bar High, Santana High

Upper San Gabriel Valley MWD - El Monte High, Gabrielino High, La Puente High, Los Altos High

Western MWD - Jurupa Valley High

West Basin MWD - Leuzinger High

To Be Announced - La Sierra High, Norco High, Opportunities Unlimited Charter High



MWD

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